

SEQUENCE LISTING

SEQ. ID. NO: 1 (VP4 Rhesus Monkey Rotavirus).

5

1 MASLIYRQLL TNSYTVDLSD EIQEIGSTKT QNVTINLGPF AQTGYAPVNW
GPGETNDSTT

61 VEPVLDGPYQ PTSFNPPVDY WMLLAPTAAG VVEGTNNTD RWLATILVEP
NVTSETRSYT

10

121 LFGTQEQITI AYASQTQWKF IDVVKTTQNG SYSQYGPLQS TPKLYAVMKH
NGKIYTYNGE

181 TPNVTTKYYS TTNYSVNMT AFCDFYIIPR EEESTCTEYI NNGLPPIQNT
RNIVPLALSA

15

241 RNIISHRAQA NEDIVVSKTS LWKEMQYNRD ITIRFKFASS IVKSGGLGYK
WSEISFKPAN

301 YQYTYTRDGE DVTAAHTTCSV NGMNDFNFNG GSLPTDFIIS RYEVIKENSY
VYVDYWDDSQ

361. AFRNMVYVRS LAANLNSVIC TGGDYSFALP VGQWPVMTGG
AVSLHSAGVT LSTQFTDFVS

20

421 FNSLRFRFRL TVEEPSFSIT RTRVGGLYGL PAAYPNNGKE YYEVAGRSL
ISLVPSNDDY

481 QTPITNSVTV RQDLERQLGE LREEFNALSQ EIAMSQLIYL ALLPLDMFSM
FSGIKSTIDA

25

541 AKSMATSVMK KFKKSGLANS VSTLTDSLSD AASSISRGAS IRSVGSSASA
WTDVSTQITD

601 VSSSVSSIST QTSTISRRLR LKEMATQTEG MNFDDISAAV LKTKIDRSTQ
ISPNTLPDIV

661 TEASEKFIPN RAYRVINDE VFEAGTDGRY FAYRVETFDE IPFDVQKFAD
LVTDSPVISA

30

721 IIDFKTLKNL NDNYGISRQQ AFNLLRSDPR VLREFINQDN PIIRNRIEQL
IMQCRL

SEQ. ID. NO: 2 (VP8 Rhesus Monkey Rotavirus).

1 MASLIYRQLL TNSYTVDLSD EIQEIGSTKT QNVTINLGPF AQTGYAPVNW
GPGETNDSTT
5 61 VEPVLDGPYQ PTSFNPPVDY WMLLAPTAAG VVEGTNNTD RWLATILVEP
NVTSETRSYT
121 LFGTQEQITI AYASQTQWKF IDVVKTTQNG SYSQYGPLQS TPKLYAVMKH
NGKIITYNGE
181 TPNVTTKYYs TTNyDSVNMT AFCDFYIIPR EEESTCTEYI NNGLPPIQNT R

10

SEQ.ID. NO: 3 (VP8₁₄₁₋₁₈₂ Rhesus Monkey Rotavirus)

₁₄₁IDVVKTTQNGSYSQYGPLQSTPKLYAVMKHNGKIITYNGETP₁₈₂

15

SEQ. ID 4 (Peptide VP8₁₄₄₋₁₄₈ Rhesus Monkey Rotavirus)

₁₄₄VVKT₁₄₇

SEQ. ID 5 (Peptide VP8₁₅₁₋₁₅₈ Rhesus Monkey Rotavirus)

20

₁₅₁SYSQYGPL₁₅₈

SEQ. ID 6 (Peptide VP8₁₇₄₋₁₇₇ Rhesus Monkey Rotavirus)

₁₇₄IYTY₁₇₇

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SEQ. ID 7 (Peptide VP8₁₈₃₋₁₈₆ Rhesus Monkey Rotavirus)

₁₈₃NVTT₁₈₆